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	* 20 *	40 *		
ANH0009 :	MEVKPPPGRPQPDSGRRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDS		: 50	
XM_087061 :	MEVKPPPGRPQPDSGRRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDS		: 50	
	60 *	80 *	100	
ANH0009 :	LREHFEKWGTLTDCVVMRDPQTKRSRGFGFVTVSCVEEVDAAMCARPHKV		: 100	
XM_087061 :	LREHFEKWGTLTDCVVMRDPQTKRSRGFGFVTVSCVEEVDAAMCARPHKV		: 100	
	* 120 *	140 *		
ANH0009 :	DGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDEEYNLRDYFEKYG		: 150	
XM_087061 :	DGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDEEYNLRDYFEKYG		: 150	
	160 *	180 *	200 *	
ANH0009 :	KIETIEVMEDRQSGKKRGFAFVTFDDHDTVDKIVVQKYHTINGHNCEVKK		: 200	
XM_087061 :	KIETIEVMEDRQSGKKRGFAFVTFDDHDTVDKIVVQKYHTINGHNCEVKK		: 200	
	* 220 *	240 *		
ANH0009 :	ALSKQEMQSAGSQRGRGGGSGNFMRGGNFGGGGNFGRGGNFGGREYE		: 250	
XM_087061 :	ALSKQEMQSAGSQRGRGGGSGNFMRGGNFGGGGNFGRGGNFGGRGREW		: 250	
	260 *	280 *	300 *	
ANH0009 :	CGGGCGSRGSYGGGDGGYNGCGDGGNYGGCPGYSSRGYYGGGCPGYGNOC		: 300	
XM_087061 :	WWRWWOO-----		: 258	
	* 320 *	340 *		
ANH0009 :	CGYGGGGGYDGYNECGNFGGNYCGGNYNDEGNYSCQQQSNYCPMKGGS		: 350	
XM_087061 :	-----		: -	
	360 *			
ANH0009 :	CGGRSSGSPYCGGCGSGGCGSGGYGSRRF		: 378	
XM_087061 :	-----		: -	

FIG. 1

	20	40	6		
ANH0024A	MTAPEKPVKQEEMAALDVSGGGGGGGGGHCEYLQQQQQHGNGAVAAAAAAQDTQPSPL			: 59	
ANH0024B	MTAPEKPVKQEEMAALDVSGGGGGGGGGHCEYLQQQQQHGNGAVAAAAAAQ-----			: 52	
ANH0024D	-----LPARGANAPTPPAPPRLARLPPFCARDTQPSPL			: 33	
ANH0024C	-----			: -	
X68560	-----			: -	
	0	80	100	1	
ANH0024A	ALLAATCSKIGPPSPGDDEEEAAAAAGAPAAAGATGDLASAOOLGGAPNRWEVISAAPPTI			: 118	
ANH0024B	-----TGDEASAOOLGGAPNRWEVISAAPPTI			: 77	
ANH0024D	ALLAATCSKIGPPSPGDDEEEAAAAAGAPAAAGATGDLASAOOLGGAPNRWEVISAAPPTI			: 92	
ANH0024C	-----			: -	
X68560	-----			: -	
	20	140	160		
ANH0024A	TKDEAGNIVOTPSAATSSGOYVIEPLONTONGQTESVAPGSDSSNGAVSSVQYQVTPOTI			: 177	
ANH0024B	TKDEAGNIVOTPSAATSSGOYVIEPLONTONGQTESVAPGSDSSNGAVSSVQYQVTPOTI			: 136	
ANH0024D	TKDEAGNIVOTPSAATSSGOYVIEPLONTONGQTESVAPGSDSSNGAVSSVQYQVTPOTI			: 151	
ANH0024C	-----			: -	
X68560	-----			: -	
	180	200	220		
ANH0024A	SADGCOVOIGEJGSSDNGGINOESSOLOIIPGSNOTHEASGTPSANQNLIPOTGOVOM			: 236	
ANH0024B	SADGCOVOIGEJGSSDNGGINOESSOLOIIPGSNOTHEASGTPSANQNLIPOTGOVOM			: 195	
ANH0024D	SADGCOVOIGEJGSSDNGGINOESSOLOIIPGSNOTHEASGTPSANQNLIPOTGOVOM			: 210	
ANH0024C	-----			: -	
X68560	-----			: -	
	240	260	280		
ANH0024A	OGVAIGGSSERGOTQWANVPLIGLPGNITEPVPINSVDLDSLGLSGSSQMTAGINADGH			: 295	
ANH0024B	OGVAIGGSSERGOTQWANVPLIGLPGNITEPVPINSVDLDSLGLSGSSQMTAGINADGH			: 254	
ANH0024D	OGVAIGGSSERGOTQWANVPLIGLPGNITEPVPINSVDLDSLGLSGSSQMTAGINADGH			: 269	
ANH0024C	-----MTAGINADGH			: 10	
X68560	-----MTAGINADGH			: 10	
	300	320	340		
ANH0024A	LINTGQAMDSSDNEERTGERVSPDINETNTDTDLFVPTSSSSQLPVTIDSTGILQNTN			: 354	
ANH0024B	LINTGQAMDSSDNEERTGERVSPDINETNTDTDLFVPTSSSSQLPVTIDSTGILQNTN			: 313	
ANH0024D	LINTGQAMDSSDNEERTGERVSPDINETNTDTDLFVPTSSSSQLPVTIDSTGILQNTN			: 328	
ANH0024C	LINTGQAMDSSDNEERTGERVSPDINETNTDTDLFVPTSSSSQLPVTIDSTGILQNTN			: 69	
X68560	LINTGQAMDSSDNEERTGERVSPDINETNTDTDLFVPTSSSSQLPVTIDSTGILQNTN			: 69	
	360	380	400		
ANH0024A	SLTTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQIV			: 413	
ANH0024B	SLTTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQIV			: 372	
ANH0024D	SLTTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQIV			: 387	
ANH0024C	SLTTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQIV			: 128	
X68560	SLTTSSGQVHSSDLQGNYIQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQIV			: 128	
	420	440	460		
ANH0024A	QGITPQTIHGVQASGQNISQQALQNLQLQLPGTFLIQAQTVTPSGQVTWQTFQVQGVQ			: 472	
ANH0024B	QGITPQTIHGVQASGQNISQQALQNLQLQLPGTFLIQAQTVTPSGQVTWQTFQVQGVQ			: 431	
ANH0024D	QGITPQTIHGVQASGQNISQQALQNLQLQLPGTFLIQAQTVTPSGQVTWQTFQVQGVQ			: 446	
ANH0024C	QGITPQTIHGVQASGQNISQQALQNLQLQLPGTFLIQAQTVTPSGQVTWQTFQVQGVQ			: 187	
X68560	QGITPQTIHGVQASGQNISQQALQNLQLQLPGTFLIQAQTVTPSGQVTWQTFQVQGVQ			: 187	

FIG. 2A

	480	500	520	
ANH0024A	: NLQNLQIQNTAAQQITLTPVQTLT	LGQVAAGGAFTSTPVS	LSTGQLPNLQTVTVNSIDS	: 531
ANH0024B	: NLQNLQIQNTAAQQITLTPVQTLT	LGQVAAGGAFTSTPVS	LSTGQLPNLQTVTVNSIDS	: 490
ANH0024D	: NLQNLQIQNTAAQQITLTPVQTLT	LGQVAAGGAFTSTPVS	LSTGQLPNLQTVTVNSIDS	: 505
ANH0024C	: NLQNLQIQNTAAQQITLTPVQTLT	LGQVAAGGAFTSTPVS	LSTGQLPNLQTVTVNSIDS	: 246
X68560	: NLQNLQIQNTAAQQITLTPVQTLT	LGQVAAGGAFTSTPVS	LSTGQLPNLQTVTVNSIDS	: 246
	540	560	580	
ANH0024A	: AGIQLHPGENADSPADIRIKEE	EPDPEEWQLSGD	STLNTNDLTHLRVQVVDEEGDQQHQ	: 590
ANH0024B	: AGIQLHPGENADSPADIRIKEE	EPDPEEWQLSGD	STLNTNDLTHLRVQVVDEEGDQQHQ	: 549
ANH0024D	: AGIQLHPGENADSPADIRIKEE	EPDPEEWQLSGD	STLNTNDLTHLRVQVVDEEGDQQHQ	: 564
ANH0024C	: AGIQLHPGENADSPADIRIKEE	EPDPEEWQLSGD	STLNTNDLTHLRVQVVDEEGDQQHQ	: 305
X68560	: AGIQLHPGENADSPADIRIKEE	EPDPEEWQLSGD	STLNTNDLTHLRVQVVDEEGDQQHQ	: 305
	600	620	640	
ANH0024A	: EGKRLRRVACTCPNC	KEGGGRGTNLGKKQHICH	IPCGKVKYGKTS	HLRAHLRWHSGER : 649
ANH0024B	: EGKRLRRVACTCPNC	KEGGGRGTNLGKKQHICH	IPCGKVKYGKTS	HLRAHLRWHSGER : 608
ANH0024D	: EGKRLRRVACTCPNC	KEGGGRGTNLGKKQHICH	IPCGKVKYGKTS	HLRAHLRWHSGER : 623
ANH0024C	: EGKRLRRVACTCPNC	KEGGGRGTNLGKKQHICH	IPCGKVKYGKTS	HLRAHLRWHSGER : 364
X68560	: EGKRLRRVACTCPNC	KEGGGRGTNLGKKQHICH	IPCGKVKYGKTS	HLRAHLRWHSGER : 364
	660	680	700	
ANH0024A	: PFVCNWMYCGKRF	TRSDELQRHRR	THTGEKKFVCPECS	KRFMRSDHLAKHIKTHQNKKG : 708
ANH0024B	: PFVCNWMYCGKRF	TRSDELQRHRR	THTGEKKFVCPECS	KRFMRSDHLAKHIKTHQNKKG : 667
ANH0024D	: PFVCNWMYCGKRF	TRSDELQRHRR	THTGEKKFVCPECS	KRFMRSDHLAKHIKTHQNKKG : 682
ANH0024C	: PFVCNWMYCGKRF	TRSDELQRHRR	THTGEKKFVCPECS	KRFMRSDHLAKHIKTHQNKKG : 423
X68560	: PFVCNWMYCGKRF	TRSDELQRHRR	THTGEKKFVCPECS	KRFMRSDHLAKHIKTHQNKKG : 423
	720	740	760	
ANH0024A	: IHSSSTVLASVEAARDD	LITAGGTL	LILAKIQQGSVSGIGTV	NTSATSNQDILTNTEI : 767
ANH0024B	: IHSSSTVLASVEAARDD	LITAGGTL	LILAKIQQGSVSGIGTV	NTSATSNQDILTNTEI : 726
ANH0024D	: IHSSSTVLASVEAARDD	LITAGGTL	LILAKIQQGSVSGIGTV	NTSATSNQDILTNTEI : 741
ANH0024C	: IHSSSTVLASVEAARDD	LITAGGTL	LILAKIQQGSVSGIGTV	NTSATSNQDILTNTEI : 482
X68560	: IHSSSTVLASVEAARDD	LITAGGTL	LILAKIQQGSVSGIGTV	NTSATSNQDILTNTEI : 482
	780			
ANH0024A	: PLQLTVSGNETME			: 781
ANH0024B	: PLQLTVSGNETME			: 740
ANH0024D	: PLQLTVSGNETME			: 755
ANH0024C	: PLQLTVSGNETME			: 496
X68560	: PLQLTVSGNETME			: 496

FIG. 2B

	* 20 *	* 40 *	* 60 *	
ANH0039 :	MDLRQFLMCLSLCTAFA <u>L</u> SKPTEKKDRVHHEPQLSDKVHNDAQSF <u>D</u> YDHDA <u>E</u> LGAE <u>E</u> AKT			: 60
XM_045848 :	MDLRQFLMCLSLCTAFA <u>L</u> SKPTEKKDRVHHEPQLSDKVHNDAQSF <u>D</u> YDHDA <u>E</u> LGAE <u>E</u> AKT			: 60
	* 80 *	* 100 *	* 120 *	
ANH0039 :	FDQLTPEE <u>S</u> KERL <u>G</u> MIV <u>E</u> KID <u>A</u> DKDG <u>F</u> VT <u>E</u> G <u>E</u> EL <u>K</u> SWIK <u>H</u> A <u>Q</u> KK <u>I</u> Y <u>E</u> DN <u>V</u> E <u>N</u> OW <u>O</u> <u>E</u> DM <u>N</u> Q			: 120
XM_045848 :	FDQLTPEE <u>S</u> KERL <u>G</u> KIV <u>S</u> KID <u>G</u> DKDG <u>F</u> VT <u>V</u> <u>E</u> EL <u>K</u> SWIK <u>H</u> A <u>Q</u> KR <u>I</u> Y <u>E</u> DN <u>V</u> E <u>N</u> OW <u>O</u> <u>E</u> DM <u>N</u> Q			: 120
	* 140 *	* 160 *	* 180 *	
ANH0039 :	DGLIS <u>W</u> <u>E</u> YRN <u>V</u> TY <u>G</u> <u>Y</u> LDDPD <u>P</u> DD <u>G</u> FNY <u>K</u> QMMVR <u>D</u> ERR <u>F</u> KMAD <u>K</u> D <u>G</u> DL <u>I</u> AT <u>K</u> E <u>F</u> TA <u>F</u> L			: 180
XM_045848 :	DGLVS <u>W</u> <u>E</u> YK <u>N</u> <u>E</u> TY <u>G</u> <u>Y</u> LDDPD <u>P</u> DD <u>G</u> FNY <u>K</u> QMMVR <u>D</u> ERR <u>F</u> KMAD <u>K</u> D <u>G</u> DL <u>I</u> AT <u>K</u> E <u>F</u> TA <u>F</u> L			: 180
	* 200 *	* 220 *	* 240 *	
ANH0039 :	HPEEYDYM <u>K</u> DIVV <u>Q</u> ET <u>M</u> EDI <u>D</u> KNAD <u>G</u> FID <u>L</u> EE <u>Y</u> IG <u>D</u> MY <u>S</u> HD <u>G</u> NT <u>D</u> E <u>P</u> E <u>W</u> V <u>K</u> TER <u>E</u> Q <u>F</u> VE <u>F</u>			: 240
XM_045848 :	HPEEYDYM <u>K</u> DIVV <u>Q</u> ET <u>M</u> EDI <u>D</u> KNAD <u>G</u> FID <u>L</u> EE <u>Y</u> IG <u>D</u> MY <u>S</u> HD <u>G</u> NT <u>D</u> E <u>P</u> E <u>W</u> V <u>K</u> TER <u>E</u> Q <u>F</u> VE <u>F</u>			: 240
	* 260 *	* 280 *	* 300 *	
ANH0039 :	R <u>D</u> KNRD <u>G</u> KMD <u>K</u> E <u>E</u> TKD <u>W</u> IL <u>P</u> SD <u>D</u> Y <u>D</u> HA <u>E</u> EA <u>R</u> HL <u>V</u> Y <u>E</u> SD <u>Q</u> N <u>K</u> D <u>G</u> KL <u>T</u> KE <u>E</u> I <u>V</u> D <u>K</u> Y <u>D</u> LF <u>V</u> GS			: 300
XM_045848 :	R <u>D</u> KNRD <u>G</u> KMD <u>K</u> E <u>E</u> TKD <u>W</u> IL <u>P</u> SD <u>D</u> Y <u>D</u> HA <u>E</u> EA <u>R</u> HL <u>V</u> Y <u>E</u> SD <u>Q</u> N <u>K</u> D <u>G</u> KL <u>T</u> KE <u>E</u> I <u>V</u> D <u>K</u> Y <u>D</u> LF <u>V</u> GS			: 300
	*			
ANH0039 :	QATDF <u>G</u> E <u>A</u> L <u>V</u> R <u>H</u> DEF	: 315		
XM_045848 :	QATDF <u>G</u> E <u>A</u> L <u>V</u> R <u>H</u> DEF	: 315		

FIG. 3

*	20	*	40	*	60							
XM_055371	MRAPSMDRAAVARVGAVASASVCA				LVAGVVAQYIETEIKRK	TGRKT	KI-IE	MMPEFQKSS	: 59			
ANH0068					-MTN				DES	AVHV	KMMPEFQKSS	: 20
*	80	*	100	*	120							
XM_055371	VRIKNPTRVEEIIICGLIKGGA				AKLQIITDFDM	TL	SRFSYKGKRC	PTCHNIIDNCKL	V	DE	: 119	
ANH0068	VRIKNPTRVEEIIICGLIKGGA				AKLQIITDFDM	TL	SRFSYKGKRC	PTCHNIIDNCKL	V	DE	: 80	
*	140	*	160	*	180							
XM_055371	CRKKLLQLKEKYYAIEVDP				VLT	VEEKYPYM	VEWYTKSHGL	LVQQALPKAKL	KEIV	VAESDV	: 179	
ANH0068	CRKKLLQLKEKYYAIEVDP				VLT	VEEKYPYM	VEWYTKSHGL	LVQQALPKAKL	KEIV	VAESDV	: 140	
*	200	*	220	*	240							
XM_055371	MLKEGYENFFDKLQQHSIPV				FIFSAGIGDV	LEEVIRQAGVYHPNV	KVVSNFMD	DETGV	IL	: 239		
ANH0068	MLKEGYENFFDKLQQHSIPV				FIFSAGIGDV	LEEVIRQAGVYHPNV	KVVSNFMD	DETGV	IL	: 200		
*	260	*	280	*	300							
XM_055371	KGFKGELIHVFNKHDGALRN				TEYFNQLKD	NSNII	LLGDSQGDLR	MADGV	VANE	HILKIGY	: 299	
ANH0068	KGFKGELIHVFNKHDGALRN				TEYFNQLKD	NSNII	LLGDSQGDLR	MADGV	VANE	HILKIGY	: 260	
*	320	*										
XM_055371	LNDRVDELLEYMDSY				DIVLVQ	DESLEV	ANSI	LQKIL	-	: 336		
ANH0068	LNDRVDELLEYMDSY				DIVLVQ	DESLEV	ANSI	LQKIL	-	: 297		

FIG. 4

	20		40		60
ANH0114	*: <b>MA</b> LGLEQAE <del>E</del> QRLYQQT <del>LL</del> QDGLKDMLDHGKF <del>LD</del> CVVRAGEREFPCHRLVIAACSPYFRA				: 60
XM_076374	*: <b>MA</b> LGLEQAE <del>E</del> QRLYQQT <del>LL</del> QDGLKDMLDHGKF <del>LD</del> CVVRAGEREFPCHRLVIAACSPYFRA				: 60
	80		100		120
ANH0114	*: <b>R</b> FLAEPERAGELHLEEVSPDVVAQVLHYLYTSEIALDEASVQDLFAAAHRFQIPSIFTIC				: 120
XM_076374	*: <b>R</b> FLAEPERAGELHLEEVSPDVVAQVLHYLYTSEIALDEASVQDLFAAAHRFQIPSIFTIC				: 120
	140		160		180
ANH0114	*: <b>V</b> SFLQKRLCLSNCLAVERLGLLLDCARLAVAARDFICAHFTLVARDA <del>D</del> FLGLSADELI <del>AI</del>				: 180
XM_076374	*: <b>V</b> SFLQKRLCLSNCLAVFRLGLLLDCARLAVAARDFICAHFTLVARDA <del>D</del> FLGLSADELI <del>AI</del>				: 180
	200		220		240
ANH0114	*: <b>I</b> SSDGLNVEKEEAVFEAVMRWAGSGDAEAQAERQRALPTVFESVRCRLLPRAFLESRVER				: 240
XM_076374	*: <b>I</b> SSDGLNVEKEEAVFEAVMRWAGSGDAEAQAERQRALPTVFESVRCRLLPRAFLESRVER				: 240
	260		280		300
ANH0114	*: <b>H</b> PLVRAQPELLRKVQMVKAHEGRITTLRK <del>KK</del> KGDGAGAKEADGTSKAKAEEDEEAER				: 300
XM_076374	*: <b>H</b> PLVRAQPELLRKVQMVKAHEGRITTLRK <del>KK</del> KGDGAGAKEADGTSKAKAEEDEEAER				: 300
	320		340		360
ANH0114	*: <b>I</b> LPGILNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYC <del>A</del> SLSQVPKNHVSLVTKENQ				: 360
XM_076374	*: <b>I</b> LPGILNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYC <del>A</del> SLSNOVPKNHVSLVTKENQ				: 360
	380		400		420
ANH0114	*: <b>V</b> FVAGGLFY <del>N</del> EDNKE <del>D</del> PMSAYFLQFDHLDSEWLGM <del>PP</del> SPRCL <del>F</del> GLGEALNSIYVVGGR				: 420
XM_076374	*: <b>V</b> FVAGGLFY <del>N</del> EDNKE <del>D</del> PMSAYFLQFDHLDSEWLGM <del>PP</del> SPRCL <del>F</del> GLGEALNSIYVVGGR				: 420
	440		460		480
ANH0114	*: <b>E</b> IKDGERCLDSVMCYDRLSF <del>K</del> WG <del>E</del> S <del>D</del> LPYVVY <del>G</del> H <del>T</del> VLSH <del>M</del> LVYVIGGKGS <del>D</del> Y <del>K</del> GENK <del>M</del>				: 480
XM_076374	*: <b>E</b> IKDGERCLDSVMCYDRLSF <del>K</del> WG <del>H</del> H <del>R</del> AD <del>C</del> RSVOHH <del>H</del> QOV <del>G</del> IRGLPTGA-----				: 472
	500		520		540
ANH0114	*: <b>C</b> YADPKKEEW <del>R</del> EAPMOTARS <del>I</del> EGATVHDGR <del>G</del> TVAG <del>A</del> ND <del>G</del> ITSSA <del>E</del> V <del>S</del> TE <del>D</del> NK <del>W</del> AP <del>E</del>				: 540
XM_076374	*: -----				: -
	560		580		600
ANH0114	*: <b>E</b> AEPOERS <del>S</del> IS <del>S</del> IVS <del>L</del> VG <del>H</del> IS <del>A</del> IG <del>G</del> AR <del>H</del> TE <del>E</del> S <del>G</del> EL <del>V</del> AP <del>E</del> IND <del>I</del> W <del>R</del> S <del>A</del> EE <del>E</del> KK <del>W</del> EG <del>V</del> AR <del>E</del>				: 600
XM_076374	*: -----				: -
	620				
ANH0114	*: <b>A</b> YAGA <del>A</del> EE <del>E</del> PR <del>E</del> NR <del>E</del> TKM				: 621
XM_076374	*: -----				: -

FIG. 5

20	40	60	
ANH0144A : MAEGPRREDEEEPLERRELGGQRRAPGRALSGHSAADRNERNKPEHRSSSOGPLSSIRPA			60
ANH0144B : MAEGPRREDEEEPLERRELGGQRRAPGRALSGHSAADRNERNKPEHRSSSOGPLSSIRPA			60
ANH0144C : MAEGPRREDEEEPLERRELGGQRRAPGRALSGHSAADRNERNKPEHRSSSOGPLSSIRPA			60
AL133047 : -----			-
* * *			
80	100	120	
ANH0144A : VIKRSSRTSISQSELHRRDRRPEITIVAAEPLRPAASWEEGTPPPGLGFPTSSAAGSWRNE			120
ANH0144B : VIKRSSRTSISQSELHRRDRRPEITIVAAEPLRPAASWEEGTPPPGLGFPTSSAAGSWRNE			120
ANH0144C : VIKRSSRTSISQSELHRRDRRPEITIVAAEPLRPAASWEEGTPPPGLGFPTSSAAGSWRNE			120
AL133047 : -----			-
* * *			
140	160	180	
ANH0144A : LVPAELPPSYEQVIKEINOVQVNNTNNNNAAATPRHTITSATQTDESEEIDNDLPC			177
ANH0144B : LVPAKEEPPSYEQVIREINOVQVNNTNNNNAAATPRHTITSATQTDESEEIDNDLPC			177
ANH0144C : LVPAELPPSYEQVIREINOVQVNNTNNNNAAATPRHTITSATQTDESEEIDNDLPCSNAT			180
AL133047 : -----			-
* * *			
200	220	240	
ANH0144A : LQAPLKPLOPESAVSSGNLPTNVAPLIVFDISEENCPENPSATRCVPVPPRSKSNLPI			237
ANH0144B : LQAPLKPLOPESAVSSGNLPTNVAPLIVFDISEENCPENPSATRCVPVPPRSKSNLPI			237
ANH0144C : LQAPLKPLOPESAVSSGNLPTNVAPLIVFDISEENCPENPSATRCVPVPPRSKSNLPI			240
AL133047 : -----			-
* * *			
260	280	300	
ANH0144A : PRDSHIKEQSOOKLISPAAVGEESSPGRPOSILDNASTSDSQAVMNMTEQSQNSIVSRI			297
ANH0144B : PRDSHIKEQSOOKLISPAAVGEESSPGRPOSILDNASTSDSQAVMNMTEQSQNSIVSRI			297
ANH0144C : PRDSHIKEQSOOKLISPAAVGEESSPGRPOSILDNASTSDSQAVMNMTEQSQNSIVSRI			300
AL133047 : -----			-
* * *			
320	340	360	
ANH0144A : KVFEGQNTIETSGLPKKPEITPSLPLPKPTVSSGKPSVAFKPAANRASGEWDSGTENRLK			357
ANH0144B : KVFEGQNTIETSGLPKKPEITPSLPLPKPTVSSGKPSVAFKPAANRASGEWDSGTENRLK			357
ANH0144C : KVFEGQNTIETSGLPKKPEITPSLPLPKPTVSSGKPSVAFKPAANRASGEWDSGTENRLK			360
AL133047 : -----			-
* * *			
380	400	420	
ANH0144A : VTSKEGLTPYPLQEAAGSIPVTKRELPLKKPNPGILIRSVNNEIPGRGPLAESSDSGKVKET			417
ANH0144B : VTSKEGLTPYPLQEAAGSIPVTKRELPLKKPNPGILIRSVNNEIPGRGPLAESSDSGKVKET			417
ANH0144C : VTSKEGLTPYPLQEAAGSIPVTKRELPLKKPNPGILIRSVNNEIPGRGPLAESSDSGKVKET			420
AL133047 : -----			-
* * *			
440	460	480	
ANH0144A : PAPRPLLKKSVSSENPTYPSAPLKEVTVPPRLAGASQAKAYKSLGEPPANPPVPLQS			477
ANH0144B : PAPRPLLKKSVSSENPTYPSAPLKEVTVPPRLAGASQAKAYKSLGEPPANPPVPLQS			477
ANH0144C : PAPRPLLKKSVSSENPTYPSAPLKEVTVPPRLAGASQAKAYKSLGEPPANPPVPLQS			480
AL133047 : -----			-
* * *			
500	520	540	
ANH0144A : KPLVDIDLISFDDDVLPPTPSGNLAEEESVGSEMVLOPQLEAKTERIKERAVQPAPTRKPT			537
ANH0144B : KPLVDIDLISFDDDVLPPTPSGNLAEEESVGSEMVLOPQLEAKTERIKERAVQPAPTRKPT			537
ANH0144C : KPLVDIDLISFDDDVLPPTPSGNLAEEESVGSEMVLOPQLEAKTERIKERAVQPAPTRKPT			540
AL133047 : -----			-
* * *			
560	580	600	
ANH0144A : VIRIPAKPGKCLHEDPQSPPLPAEKPIGNTFSTVSGKILSNVERTRNLIESNHPGQTGGEV			597
ANH0144B : VIRIPAKPGKCLHEDPQSPPLPAEKPIGNTFSTVSGKILSNVERTRNLIESNHPGQTGGEV			597
ANH0144C : VIRIPAKPGKCLHEDPQSPPLPAEKPIGNTFSTVSGKILSNVERTRNLIESNHPGQTGGEV			600
AL133047 : -----			-

FIG. 6A

ANH0144A :	RVPPRIPPERPVNG	620	*	640	*	660	:	610
ANH0144B :	RVPPRIPPERPVNGHIMTTILFMSCSARARMGFTGIVHILRFKLLLESWCSEAGGSVIE						:	657
ANH0144C :	RVPPRIPPERPVNG						:	613
AL133047 :							:	-
ANH0144A :		680	*	700	*	720	:	-
ANH0144B :	LAEAFARLQIMSSFSSKGWSFIDWSVRLPVIGWPSQNPLFWMRNGLFCLDMTELYHLET						:	717
ANH0144C :							:	-
AL133047 :							:	-
ANH0144A :	-KTIPTQGPPTKVPPRPPPPKLSATRRSNKKLPENRSSSDMDLOKQSNLATGLSKAKS	740	*	760	*	780	:	669
ANH0144B :	KKTIPTQGPPTKVPPRPPPPKLSATRRSNKKLPENRSSSDMDLOKQSNLATGLSKAKS						:	777
ANH0144C :	-KTIPTQGPPTKVPPRPPPPKLSATRRSNKKLPENRSSSDMDLOKQSNLATGLSKAKS						:	672
AL133047 :							:	-
ANH0144A :	QVFKNQDPVILPPPKEGHPLYSKYMISVPHGIANEDIIVSQNPGEISCKRGDVLVMLQTE	800	*	820	*	840	:	729
ANH0144B :	QVFKNQDPVILPPPKEGHPLYSKYMISVPHGIANEDIIVSQNPGEISCKRGDVLVMLQTE						:	814
ANH0144C :	QVFKNQDPVILPPPKEGHPLYSKYMISVPHGIANEDIIVSQNPGEISCKRGDVLVMLQTE						:	732
AL133047 :	-MISVPHGIANEDIIVSQNPGEISCKRGDVLVMLQTE						:	36
ANH0144A :	NNYLECQKGEDTGRVHLSQMKIITPLDEHLSRPNPDSHAQKPVDSGAPHAVVLHDFPAE	860	*	880	*	900	:	789
ANH0144B :	NNYLECQKGEDTGRVHLSQMKIITPLDEHLSRPNPDSHAQKPVDSGAPHAVVLHDFPAE						:	874
ANH0144C :	NNYLECQKGEDTGRVHLSQMKIITPLDEHLSRPNPDSHAQKPVDSGAPHAVVLHDFPAE						:	792
AL133047 :	NNYLECQKGEDTGRVHLSQMKIITPLDEHLSRPNPDSHAQKPVDSGAPHAVVLHDFPAE						:	96
ANH0144A :	QVDDLNLTSGEIVYLLKEIDTDWYRGNCRNQIGIFPANYVKVIIDIPEGGNGKRECVSSH	920	*	940	*	960	:	849
ANH0144B :	QVDDLNLTSGEIVYLLKEIDTDWYRGNCRNQIGIFPANYVKVIIDIPEGGNGKRECVSSH						:	934
ANH0144C :	QVDDLNLTSGEIVYLLKEIDTDWYRGNCRNQIGIFPANYVKVIIDIPEGGNGKRECVSSH						:	852
AL133047 :	QVDDLNLTSGEIVYLLKEIDTDWYRGNCRNQIGIFPANYVKVIIDIPEGGNGKRECVSSH						:	156
ANH0144A :	CVKGSRCAVARFEYIGEQKDELSFSEGEIILKEYVNEEWARGEVRGRTGIFPLNFVEPVE	980	*	1000	*	1020	:	909
ANH0144B :	CVKGSRCAVARFEYIGEQKDELSFSEGEIILKEYVNEEWARGEVRGRTGIFPLNFVEPVE						:	994
ANH0144C :	CVKGSRCAVARFEYIGEQKDELSFSEGEIILKEYVNEEWARGEVRGRTGIFPLNFVEPVE						:	912
AL133047 :	CVKGSRCAVARFEYIGEQKDELSFSEGEIILKEYVNEEWARGEVRGRTGIFPLNFVEPVE						:	216
ANH0144A :	DYPTSGANVLSTAVPLKTKEDSGSNSQVNSLPAEWCEALHSFTAETSDDLSFKRGDRIQ	1040	*	1060	*	1080	:	969
ANH0144B :	DYPTSGCKCFKHGTTENRFRFWLKLSG						:	1023
ANH0144C :	DYPTSGANVLSTAVPLKTKEDSGSNSQVNSLPAEWCEALHSFTAETSDDLSFKRGDRIQ						:	972
AL133047 :	DYPTSGANVLSTAVPLKTKEDSGSNSQVNSLPAEWCEALHSFTAETSDDLSFKRGDRIQ						:	276
ANH0144A :	ILERLIDSDWCRGLQDREGIFPPAVEVRPCPAEAKSMLAIVPKGRKAKALYDFRGENEDEL	1100	*	1120	*	1140	:	1029
ANH0144B :							:	-
ANH0144C :	ILERLIDSDWCRGLQDREGIFPPAVEVRPCPAEAKSMLAIVPKGRKAKALYDFRGENEDEL						:	1032
AL133047 :	ILERLIDSDWCRGLQDREGIFPPAVEVRPCPAEAKSMLAIVPKGRKAKALYDFRGENEDEL						:	336
ANH0144A :	SEKAGDIIITELESVDDWMMSGELMGKSGIFPKNYIQFLQIS	1160	*	1180			:	1070
ANH0144B :							:	-
ANH0144C :	SEKAGDIIITELESVDDWMMSGELMGKSGIFPKNYIQFLQIS						:	1073
AL133047 :	SEKAGDIIITELESVDDWMMSGELMGKSGIFPKNYIQFLQIS						:	377

FIG. 6B

	* 20	* 40	* 60	
ANH0241 :	MDISTRSKDEPGSAERTAQKRKEPSPPHSSNGHSPQDTSTSPIKKKKPGLLNSNNKEQSE			: 60
XM_086643 :	<u>MDISTRSKDEPGSAERTAQKRKEPSPPHSSNGHSPQDTSTSPIKKKKPGLLNSNNKEQSE</u>			: 60
	* 80	* 100	* 120	
ANH0241 :	LRHGPFYMMKQPLTDPDVVPQDGRNDFYCWWCHREGQVLCCELCPRVYHAKCLRLTSE			: 120
XM_086643 :	<u>LRHGPFYMMKQPLTDPDVVPQDGRNDFYCWWCHREGQVLCCELCPRVYHAKCLRLTSE</u>			: 120
	* 140	* 160	* 180	
ANH0241 :	PEGDWFCPECEKITVAECIETQSKAMTMLTIEQLSYLLKFAIQKMKQPGTDAFQKPVPLE			: 180
XM_086643 :	<u>PEGDWFCPECEKITVAECIETQSKAMTMLTIEQLSYLLKFAIQKMKQPGTDAFQKPVPLE</u>			: 180
	* 200	* 220	* 240	
ANH0241 :	QHPDYAEYIFHPMDLCTLEKNAKKMYGCTEAFADAKWILHNCIIYNGGNHKLTQIAKV			: 240
XM_086643 :	<u>QHPDYAEYIFHPMDLCTLEKNAKKMYGCTEAFADAKWILHNCIIYNGGNHKLTQIAKV</u>			: 240
	* 260	* 280	* 300	
ANH0241 :	VIKICEHEMNEIEVCPECYLAACQKRDNWFCCEPCSNPHPLWAKLKGFPPWPAKALRDKD			: 300
XM_086643 :	<u>VIKICEHEMNEIEVCPECYLAACQKRDNWFCCEPCSNPHPLWAKLKGFPPWPAKALRDKD</u>			: 300
	* 320	* 340	* 360	
ANH0241 :	GOVDARFFGQHDRAWVPINNCYLMsKEIPFSVKKTKSIFNSAMQEMEVYVENIRRKFGVF			: 360
XM_086643 :	<u>GOVDARFFGQHDRAWVPINNCYLMsKEIPFSVKKTKSIFNSAMQEMEVYVENIRRKFGVF</u>			: 360
	* 380	* 400	* 420	
ANH0241 :	NYSPFRTPYTPNSQYQMILLDPNPSAGTAKIDKQEKVKLNFDMDTASPILMSKPVLSGGT			: 420
XM_086643 :	<u>NYSPFRTPYTPNSQYQMILLDPNPSAGTAKIDKQEKVKLNFDMDTASPILMSKPVLSGGT</u>			: 420
	* 440	* 460	* 480	
ANH0241 :	GRRISLSDMPRSPMSTNSSVHTGSDVEQDAEKKATSSHFSASEESMDFLDKSTASPASTK			: 480
XM_086643 :	<u>GRRISLSDMPRSPMSTNSSVHTGSDVEQDAEKKATSSHFSASEESMDFLDKSTASPASTK</u>			: 480
	* 500	* 520	* 540	
ANH0241 :	TGQAGSLSGSPKPFSPQLSAPITTKTDKTSTTGSILNLNLDRSKAEMDLKELSEVQQQS			: 540
XM_086643 :	<u>TGQAGSLSGSPKPFSPQLSAPITTKTDKTSTTGSILNLNLDRSKAEMDLKELSEVQQQS</u>			: 540
	* 560	* 580	* 600	
ANH0241 :	TPVPLISPKRQIRSRFQLNLDTKtiesckaqlgineisedvtyavehdsedseksdssds			: 600
XM_086643 :	<u>TPVPLISPKRQIRSRFQLNLDTKtiesckaqlgineisedvtyavehdsedseksdssds</u>			: 600
	* 620	* 640	* 660	
ANH0241 :	EYISDDEQKSNEPEDTEDKEGCQMDKEPSAVKKKPPTNPVEIKEELKSTSPASEKADP			: 660
XM_086643 :	<u>EYISDDEQKSNEPEDTEDKEGCQMDKEPSAVKKKPPTNPVEIKEELKSTSPASEKADP</u>			: 660

FIG. 7A

	* 680	* 700	* 720	
ANH0241 :	<b>GAVKDKASPEPEKDFSEKAKPSPHPIKDKLKGKDETDSPVHLGLDSDSESELVIDLGED</b>			: 720
XM_086643 :	<b>GAVKDKASPEPEKDFSEKAKPSPHPIKDKLKGKDETDSPVHLGLDSDSESELVIDLGED</b>			: 720
	* 740	* 760	* 780	
ANH0241 :	<b>HSGREGRKNKKEPKEPSPKQDVVGKTPPSTTVGSHSPPETPVLTRSSAOTSAAGATATTS</b>			: 780
XM_086643 :	<b>HSGREGRKNKKEPKEPSPKQDVVGKTPPSTTVGSHSPPETPVLTRSSAOTSAAGATATTS</b>			: 780
	* 800	* 820	* 840	
ANH0241 :	<b>TSSTVTVTAPAPAATGSPVKKQRPLLPKETAPAVQRVVWNSSSKFQTSSQKWHMQKMQRC</b>			: 840
XM_086643 :	<b>TSSTVTVTAPAPAATGSPVKKQRPLLPKETAPAVQRVVWNSSSKFQTSSQKWHMQKMQRC</b>			: 840
	* 860	* 880	* 900	
ANH0241 :	<b>QQQQQQQNQQQQPQSSQGTRYQTRQAVKAVQQKEITQSPSTSTITLVTSTQSSPLVTSSG</b>			: 900
XM_086643 :	<b>QQQQQQQNQQQQPQSSQGTRYQTRQAVKAVQQKEITQSPSTSTITLVTSTQSSPLVTSSG</b>			: 900
	* 920	* 940	* 960	
ANH0241 :	<b>SMSTLVSSVNADLPIATASADVAADIAYTSKMMDAIKGTWTDTYNDISKNTGSTDASSE</b>			: 960
XM_086643 :	<b>SMSTLVSSVNADLPIATASADVAADIAYTSKVNNGCNKRNNDRNEQRSE-----</b>			: 949
	* 980	* 1000	* 1020	
ANH0241 :	<b>KRKGKQKPKLWQELSEMKNDEETMAEMROSIEQERDRLTAPVKOLEDEKOGAVI</b>			: 1020
XM_086643 :	<b>-----</b>			: -
	* 1040	* 1060	* 1080	
ANH0241 :	<b>ETKRYKOWGANCKKEATEYCCWNTSYCDYPCOOAHWPEHMKSCTOSATAPOOEADAEVNT</b>			: 1080
XM_086643 :	<b>-----</b>			: -
	* 1100	* 1120	* 1140	
ANH0241 :	<b>TENKSSOCSSSSTOSAPSETASASKEKETSAAKSKESGSREDIESCSREPPSSITLGSNOG</b>			: 1140
XM_086643 :	<b>-----</b>			: -
	* 1160	* 1180	* 1200	
ANH0241 :	<b>SVSKRGKOPAYAPHTTDHOPHPNAPAGKMRHSRSNKSSWSSSDECRGSTRSDINTSTIK</b>			: 1200
XM_086643 :	<b>-----</b>			: -
	*			
ANH0241 :	<b>SIAPKESREDDJEWB</b>	: 1214		
XM_086643 :	<b>-----</b>	: -		

FIG. 7B

	* 20	* 40	* 60	
ANH0245 :	-----MRWKSIAHSMVIGYEHDEKWFYEETESSDDVEVTLKKFK			: 39
AK027731 :	MDSGCWLLGGEEEDSVHEERPERRSGPPASYCARLGEPOWFYEETESSDDVEVTLKKFK			: 60
	* 80	* 100	* 120	
ANH0245 :	GDLAYRRQEYQKALQEYSSISEKLSSTNFAMKRDVQEGQARCLAHLGRHMEALEIAANLE			: 99
AK027731 :	GDLAYRRQEYQKALQEYSSISEKLSSTNFAMKRDVQEGQARCLAHLGRHMEALEIAANLE			: 120
	* 140	* 160	* 180	
ANH0245 :	NKATNTDHLLTVLYLQLAICSSLQNLNEKTIIFCLQKLISLHPFNPNWKGKLAEEAYLNLGPA			: 159
AK027731 :	NKATNTDHLLTVLYLQLAICSSLQNLNEKTIIFCLQKLISLHPFNPNWKGKLAEEAYLNLGPA			: 180
	* 200	* 220	* 240	
ANH0245 :	LSAALASSOKHSETSSDKTIKSFFPHSGKDCLLCFPETLPESSLFSVEANSSNSQKNEK			: 219
AK027731 :	LSAALASSQKQHSETSSDKTIKSFFPHSGKDCLLCFPETLPESSLFSVEANSSNSQKNEK			: 240
	* 260	* 280	* 300	
ANH0245 :	ALTNIQNCMAEKRETVELIETQLKACASFIRTRLLLQFTQPQQTTSFALERNLRTQQEIEDK			: 279
AK027731 :	ALTNIQNCMAEKRETVELIETQLKACASFIRTRLLLQFTQPQQTTSFALERNLRTQQEIEDK			: 300
	* 320	* 340	* 360	
ANH0245 :	MKGFSFKEDTLLLIAEVGMGEDIPEKIKDEVHPEVKCVGSVALTVSSEEFEDKWFRK			: 339
AK027731 :	MKGFSFKEDTLLLIAEVGMGEDIPEKIKDEVHPEVKCVGSVALTVSSEEFEDKWFRK			: 360
	* 380			
ANH0245 :	IKDHFCPFENQFHTEIQILA			: 359
AK027731 :	IKDHFCPFENQFHTEIQILA			: 380

FIG. 8

ANH0296	:	MEKRESTEDILRAVIAELNASLEGMRVNIVYEDVDNKTYLERLQKPDFKATLILESGIRIHT	60
NM_004713	:	-----	-
AK000913	:	MESRESTEDILRAVIAELNASLLGMRVNIVYEDVDNKTYLERLQKPDFKATLILESGIRIHT	60
ANH0296	:	TEEFWPKNMMPSSFAMKCRKHLKSRLVSAKQLEGVDRIVDFQFGSDEAAYHLLIELYDRG	120
NM_004713	:	-----	-
AK000913	:	TEEFWPKNMMPSSFAMKCRKHLKSRLVSAKQLEGVDRIVDEQFGSDEAAYHLLIELYDRG	120
ANH0296	:	NIWLTDYEVILNLRLRERTDEADDVKFAVRERYPLDHARAAEPLLTILERLTELIVASAPKG	180
NM_004713	:	-----	-
AK000913	:	NIWLTDYEVILNLRLRERTDEADDVKFAVRERYPLDHARAAEPLLTILERLTELIVASAPKG	180
ANH0296	:	ELLKRVLNPLPYGPALIEHGLLENGESGNVKVDEKLETKDIKVLVLSLOKAEDYMTTS	240
NM_004713	:	-----	-
AK000913	:	ELLKRVLNPLPYGPALIEHGLLENGESGNVKVDEKLETKDIKVLVLSLOKAEDYMTTS	240
ANH0296	:	NESGKGYELIQKREIKPCLEADKPVEDILTYEEFHPELFSQHSCQCPYIEFESEDKAYDEFY	300
NM_004713	:	-----	-
AK000913	:	NFSGKGYELIQKREIKPCLEADKPVEDILTYEEFHPELFSQHSCQCPYIEFESEDKAYDEFY	300
ANH0296	:	SKTEGOKIDIKALDOEKQALKLDNVRKDHENRLEALQQAQBLDKLKGELIEMNTOLVDR	360
NM_004713	:	-----	-
AK000913	:	SKTEGOKIDIKALDOEKQALKLDNVRKDHENRLEALQQAQBLDKLKGELIEMNTOLVDR	360
ANH0296	:	AIQVVRSLANQEDWTEIGLIVKEAQAOQDPVASAIKELKLOTNHVTMILLRNPYLLSEEE	420
NM_004713	:	-----	-
AK000913	:	AIQVVRSLANQEDWTEIGLIVKEAQAOQDPVASAIKELKLOTNHVTMILLRNPYLLSEEE	420
ANH0296	:	DDDVGDVNVVKNETEPPKGKKKKQKNKQLQKPQKNKPLLVVDLSSLAYANAKYYDHK	480
NM_004713	:	-----	-
AK000913	:	DDDVGDVNVVKNETEPPKGKKKKQKNKQLQKPQKNKPLLVVDLSSLAYANAKYYDHK	480
ANH0296	:	RYAAKKTOKTVEAAEKAFKSAEKKTQTLKEVQTVTSIQKARKVYWFKEFLWFISSENYL	540
NM_004713	:	-----	-
AK000913	:	RYAAKKTOKTVEAAEKAFKSAEKKTQTLKEVQTVTSI-----	518
ANH0296	:	IIGGRDQQQNEIIVKRYLTPGDIYVHADLHGATSCVIKNPTGEPIPPRTLTEAGTMALCY	600
NM_004713	:	-----	-
AK000913	:	-----	-

FIG. 9A

	* 620	* 640	* 660	
ANH0296	: SAAWDARVITSAWWVYHHQVSKTAPTGEYLTTGSFMIRGKKNFLPPSYLMMGFSFLFKVD			: 660
NM_004713	: -----			: -
AK000913	: -----			: -
	* 680	* 700	* 720	
ANH0296	: ESCVWRHQGERKVRVQDEDMETLASCTSELISEEEMEQLDGGDTSSDEDKEEHETPVEEL			: 720
NM_004713	: -----			: -
AK000913	: -----			: -
	* 740	* 760	* 780	
ANH0296	: MTQVDQEDITLQSGRDELNEELIQEESSEDEGEYEVEVRKDQDSVGEMKDEGEETLNYPDT			: 780
NM_004713	: MTQVDQEDITLQSGRDELNEELIQEESSEDEGEYEVEVRKDQDSVGEMKDEGEETLNYPDT			: 60
AK000913	: -----			: -
	* 800	* 820	* 840	
ANH0296	: TEDLSHLQPCRSIOKLASKEESSNNSDSKSQSRRHLSAKERREMKKKLPDSGDLAILE			: 840
NM_004713	: TEDLSHLQPORSTOKLASKEESSNNSDSKSQSRRHLSAKERREMKKKLPDSGDLAILE			: 120
AK000913	: -----			: -
	* 860	* 880	* 900	
ANH0296	: GKDKKEKESTVHIEHTQNTSKNVAAVOPMKGQKSKMKKMKEKYKDQDEEDRELIMKILGS			: 900
NM_004713	: GKDKKEKESTVHIEHTQNTSKNVAAVOPMKGQKSKMKKMKEKYKDQDEEDRELIMKILGS			: 180
AK000913	: -----			: -
	* 920	* 940	* 960	
ANH0296	: AGSMKEEKGGKKKGKKGKDEPVKOPKPRGGGORVSDNIKKETEEFLEVATHELODEAVDD			: 960
NM_004713	: AGSMKEEKGGKKKGKKGDEPVKOPKPRGGGORVSDNIKKETEEFLEVATHELODEAVDD			: 240
AK000913	: -----			: -
	* 980	* 1000	* 1020	
ANH0296	: PHDDKEEQDLDDQGNEENLLEDSTLTGQPHFEDVLLFALPICAPYTMTNYKYKVKLTPGVC			: 1020
NM_004713	: PHDDKEEQDLDDQGNEENLLEDSTLTGQPHFEDVLLFALPICAPYTMTNYKYKVKLTPGVC			: 300
AK000913	: -----			: -
	* 1040	* 1060	* 1080	
ANH0296	: KKGKAAKTALNSFMHSKEATAREKDLFRSVKDLDLSRNPKGKVSVCTQSSERKKEIAEM			: 1080
NM_004713	: KKGKAAKTALNSFMHSKEATAREKDLFRSVKDLDLSRNPKGKVSVCTQSSERKKEIAEM			: 360
AK000913	: -----			: -
ANH0296	: KF : 1082			
NM_004713	: KF : 362			
AK000913	: -- : -			

FIG. 9B

	* 20 *	40 *	60
ANH0423 :	<b>MESGRGSSTPPGPIAALGMPDTGPGSSSLGKLQALPVGPRAHCGDPVSLAAAGDGSPDIG</b>		: 60
XM_053487 :	<b>MESGRGSSTPPGPIAALGMPDTGPGSSSLGKLQALPVGPRAHCGDPVSLAAAGDGSPDIG</b>		: 60
	* 80 *	100 *	120
ANH0423 :	<b>PTGELSGSLKIPNRDSDGIDSPSSSVAGENFPCEEGLEAGPSPTVLGAHAEMALDSQVPKV</b>		: 120
XM_053487 :	<b>PTGELSGSLKIPNRDSDGIDSPSSSVAGENFPCEEGLEAGPSPTVLGAHAEMALDSQVPKV</b>		: 120
	* 140 *	160 *	180
ANH0423 :	<b>TPQEEADSDVGEEDPSENTPQKADKDAGLAQHSGPQKLLHIAQELLHTEETYVKRLHLLD</b>		: 180
XM_053487 :	<b>TPQEEADSDVGEEDPSENTPQKADKDAGLAQHSGPQKLLHIAQELLHTEETYVKRLHLLD</b>		: 180
	* 200 *	220 *	240
ANH0423 :	<b>QVFCTRLTDAGIPPEVIMGIFSNISSIHRFHGQFLPELKTRITEEWDTNPRLDILQKL</b>		: 240
XM_053487 :	<b>QVFCTRLTDAGIPPEVIMGIFSNISSIHRFHGQFLPELKTRITEEWDTNPRLDILQKL</b>		: 240
	* 260 *	280 *	300
ANH0423 :	<b>APFLKMYGEYVKNFDRAVGLVSTWTQRSPLFKDGVHSIQKQEVCGNLTQHHMLEPVQRV</b>		: 300
XM_053487 :	<b>APFLKMYGEYVKNFDRAVGLVSTWTQRSPLFKDGVHSIQKQEVCGNLTQHHMLEPVQRV</b>		: 300
	* 320 *	340 *	360
ANH0423 :	<b>PRYELLKDYLKRLPQDAPDRKDAERSLELISTAANHSNAAIRKVEKMHKLLEVYEQLGG</b>		: 360
XM_053487 :	<b>PRYELLKDYLKRLPQDAPDRKDAERSLELISTAANHSNAAIRKVEKMHKLLEVYEQLGG</b>		: 360
	* 380 *	400 *	420
ANH0423 :	<b>EEDIVNPANELIKEGQIQKLSAKNGTPQDRHLFLFNSMILYCVPKLRLMGQKFSVREKMD</b>		: 420
XM_053487 :	<b>EEDIVNPANELIKEGQIQKLSAKNGTPQDRHLFLFNSMILYCVPKLRLMGQKFSVREKMD</b>		: 420
	* 440 *	460 *	480
ANH0423 :	<b>ISGLQVQDIVKPNTAHTEITGRKRSLELQTRTEEEKKKEWIQIIQATIEKKHQNSETFKA</b>		: 480
XM_053487 :	<b>ISGLQVQDIVKPNTAHTEITGRKRSLELQTRTEEEKKKEWIQIIQATIEKKHQNSETFKA</b>		: 480
	* 500 *	520 *	540
ANH0423 :	<b>EGGAFSQDEDPSLSPDMPISTSPVEPVVTTEGSSGAAGLEPRKLSSKTRRDKEKQSCKS</b>		: 540
XM_053487 :	<b>EGGAFSQDEDPSLSPDMPISTSPVEPVVTTEGSSGAAGLEPRKLSSKTRRDKEKQSCKS</b>		: 540
	* 560 *	580 *	600
ANH0423 :	<b>CGETFNSITKRRHHCKLCGAVICGKSEFKAENSRSRQSRVCRDCFLTQPVAPESTE</b>	<b>TPTA</b>	: 600
XM_053487 :	<b>CGETFNSITKRRHHCKLCGAVICGKSEFKAENSRSRQSRVCRDCFLTQPVAPESTE</b>	<b>VAPS</b>	: 600
	* 620 *	640 *	660
ANH0423 :	<b>DPOPSLLCGPHERLSESGETWSFVWAIPMSDPQVIGHQGGSOPGRFPRHPIPSCGKESVE</b>		: 660
XM_053487 :	<b>SGSPCGAAAPPRDTGSCAPAAAPAVS</b>	<b>EGVSLSGC</b>	----- : 634
	* 680 *	700 *	720
ANH0423 :	<b>DPEERIEDSGHWWKTOWAKOSWAISASSAEOFOWIEIUSTAAHGDIAODSPGALQLOQVPM</b>		: 720
XM_053487 :	-----	-----	: -
ANH0423 :	<b>GAAAF</b> : 725		
XM_053487 :	----- : -		

FIG. 10

	* 20 *	* 40 *	* 60 *	
ANH0459B	MDATKKKOMQLKEDKENAIDRAEQAEDKKAAEDRSKQEEEDIAKEKLIIPVSEEDERDRV			: 60
ANH0459C	-----MAGSSSLEAVRKIRSLQEADAA			: 24
ANH0459D	-----			: -
NM_000366	MDATKKKOMQLKEDKENAIDRAEQAEDKKAAEDRSKQEEDELVSEOKLKGAEDELDRY			: 60
	* 80 *	* 100 *	* 120 *	
ANH0459B	LEEHKAEDSLLAEEAFAKREADVASLNRRIOLVEEELDRAGERLATALOKLEEAEEKA			: 120
ANH0459C	EERAGTLORELDHERRLRETAEADVASINRRIOLVEEELDRAGERLATALOKLEEAEEKA			: 84
ANH0459D	-----			: -
NM_000366	SEAIKDAGEKLELAEEKETDREADVASLNRRIOLVEEELDRAGERLATALOKLEEAEEKA			: 120
	* 140 *	* 160 *	* 180 *	
ANH0459B	DESERGMKVIESRAQKDEEKMEIQEIQEQLKEAKHIAEDADRKYEEVARKLVIIESDLERA			: 180
ANH0459C	DESERGMKVIESRAQKDEEKMEIQEIQEQLKEAKHIAEDADRKYEEVARKLVIIESDLERA			: 144
ANH0459D	-----MKVIESRAQKDEEKMEIQEIQEQLKEAKHIAEDADRKYEEVARKLVIIESDLERA			: 54
NM_000366	DESERGMKVIESRAQKDEEKMEIQEIQEQLKEAKHIAEDADRKYEEVARKLVIIESDLERA			: 180
	* 200 *	* 220 *	* 240 *	
ANH0459B	ERAELSEGQVROLEEQLREMDQTLKALMAAEKYSQKEDRYEEEIKVLSDKLKEAETRA			: 240
ANH0459C	ERAELSEGKCAELEEELEKTVTNNLKSLEAQAEKYSQKEDRYEEEIKVLSDKLKEAETRA			: 204
ANH0459D	ERAELSEGQVROLEEQLREMDQTLKALMAAEKYSQKEDRYEEEIKVLSDKLKEAETRA			: 114
NM_000366	ERAELSEGQVROLEEQLREMDQTLKALMAAEKYSQKEDRYEEEIKVLSDKLKEAETRA			: 240
	* 260 *	* 280 *		
ANH0459B	FAERSVTKLEKSIDDLEEKVAHAKENEENLSMHOQLDQTLLELNMM			: 284
ANH0459C	FAERSVTKLEKSIDDLEDQLYQQLEQN---RRLTNELKLALNED			: 245
ANH0459D	FAERSVTKLEKSIDDLEEVVAHAKENEENLSMHOQLDQTLLELNMM			: 158
NM_000366	FAERSVTKLEKSIDDLEEKVAHAKENEENLSMHOQLDQTLLELNMM			: 284

FIG. 11

	* 20	* 40	* 60	
ANH0769	MAVLEKITDOPPLIVQATESGDPEEIRMILHKTEDVNTHEDSEKRTPEHVAARIGDAPHEMG			: 60
AL133087	-----			: -
	* 80	* 100	* 120	
ANH0769	AISGARVNAKDNMWLRPHIRAVASRSEFAVQVTEKESADVNDARDKNWOTPHIRVAANKAV			: 120
AL133087	-----			: -
	* 140	* 160	* 180	
ANH0769	KGAEVADEPRESSVAVASDRGGRVAMHATALENGHMEMNIFBAKGANENAEKGRBATHWA			: 180
AL133087	-----			: -
	* 200	* 220	* 240	
ANH0769	AVMGHEDVAALFVINHGAEVTKDKKCSYMPHAVAASNNGOINVVKHGENECVDEENAGN			: 240
AL133087	-----			: -
	* 260	* 280	* 300	
ANH0769	WANLIAQINGODAVVNEHEDYGANVNOPNNNGEELHAAASHGAEGETRVNNGADN			: 300
AL133087	-----			: -
	* 320	* 340	* 360	
ANH0769	KOSKDKSPEHMTAVHGRETTRSQTLIQQNGGEIDCVKDGTPLHVAARYGHELLINTLIT			: 360
AL133087	-----MTAVHGRETTRSQTLIQQNGGEIDCVKDGTPLHVAARYGHELLINTLIT			: 49
	* 380	* 400	* 420	
ANH0769	SGADTAKGIIHSMFPLHAAALNAHSDCRKLLSSGQKYSIVSLFSNEHVLISAGFEIDTPD			: 420
AL133087	SGADTAKGIIHSMFPLHAAALNAHSDCRKLLSSGQKYSIVSLFSNEHVLISAGFEIDTPD			: 109
	* 440	* 460	* 480	
ANH0769	KFGRTCLHAAAAGGNVECIKLLQSSGADFHKKDKCGRTPLHYAAANCHFHCIETLVTG			: 480
AL133087	KFGRTCLHAAAAGGNVECIKLLQSSGADFHKKDKCGRTPLHYAAANCHFHCIETLVTG			: 169
	* 500	* 520	* 540	
ANH0769	NVNETDDWGRTALHYAAASDMDRNKTILGNAHDNSEELERARELKEKEATLCLEFLQND			: 540
AL133087	NVNETDDWGRTALHYAAASDMDRNKTILGNAHDNSEELERARELKEKEATLCLEFLQND			: 229
	* 560	* 580	* 600	
ANH0769	ANPSIRDKEGYNSIHYAAAYGHRQCLELLLERTNSGFEESDSGATKSPLHAAANGHHQA			: 600
AL133087	ANPSIRDKEGYNSIHYAAAYGHRQCLELLLERTNSGFEESDSGATKSPLHAAANGHHQA			: 289
	* 620	* 640	* 660	
ANH0769	LEVLLQSLVLDLDIRDEKGRTALDLAAFKGHTECVEALINQGASIFVKDNVTKRTPLHASV			: 660
AL133087	LEVLLQSLVLDLDIRDEKGRTALDLAAFKGHTECVEALINQGASIFVKDNVTKRTPLHASV			: 349
	* 680	* 700	* 720	
ANH0769	INGHTLCLRLLEIADNPEAVDVKDAKGOTPLMLAVAYGHIDAVSLLKEANVDTVDIL			: 720
AL133087	INGHTLCLRLLEIADNPEAVDVKDAKGOTPLMLAVAYGHIDAVSLLKEANVDTVDIL			: 409

FIG. 12A

	* 740		* 760		* 780	
ANH0769 :	GCTALHRGIMTGHEECVQMLLEQEVSILCKDSRGRTPLHYAAARGHATWLSELLQMALSE					: 780
AL133087 :	GCTALHRGIMTGHEECVQMLLEQEVSILCKDSRGRTPLHYAAARGHATWLSELLQMALSE					: 469
	* 800		* 820		* 840	
ANH0769 :	EDCCFKDNQGYTPLHWACYGNENCIEVLLEQKCFRKFIGNPFTPLHCAIINDHGNASI					: 840
AL133087 :	EDCCFKDNQGYTPLHWACYGNENCIEVLLEQKCFRKFIGNPFTPLHCAIINDHGNASI					: 529
	* 860		* 880		* 900	
ANH0769 :	LLGAIDSSIVSCRDDKGRTPLHAAAFAHDHVECLQLLLRHSAAPVNAVDSGKTALMMAEN					: 900
AL133087 :	LLGAIDSSIVSCRDDKGRTPLHAAAFAHDHVECLQLLLRHSAAPVNAVDSGKTALMMAEN					: 589
	* 920		* 940		* 960	
ANH0769 :	GQAGAVDILVNSAQADLTVKDKDLNTPLHLACSKGHEKCALLILDKIQDESLINEKNNAL					: 960
AL133087 :	GQAGAVDILVNSAQADLTVKDKDLNTPLHLACSKGHEKCALLILDKIQDESLINEKNNAL					: 649
	* 980		*			
ANH0769 :	QTPLHVAARNGLKVVVEELLAKGACVLAVDENG					: 994
AL133087 :	QTPLHVAARNGLKVVVEELLAKGACVLAVDENG					: 683

FIG. 12B

	* 20 *	40 *		
ANH0658 : <b>MSLKLPRNWDENIKVEAAKIAARSRSVMTGEQMAAFHPSTPNPLERPIKMGWLKKQRS</b>			58	
NM_014882 : <b>MSL-----GQSAGLFLSIARSRSVMTGEQMAAFHPSTPNPLERPIKMGWLKKQRS</b>			51	
	* 60 *	80 *	100 *	
ANH0658 : <b>IVKNWQQRYFVLRAQQLYYYKDEEDTKPQGCMYLPGCTIKEIATNPEEAGKVFVFEIIP</b>			116	
NM_014882 : <b>IVKNWQQRYFVLRAQQLYYYKDEEDTKPQGCMYLPGCTIKEIATNPEEAGKVFVFEIIP</b>			109	
	* 120 *	140 *	160 *	
ANH0658 : <b>ASWDQNRMGODSYVLMASSQAEMEEWVKFLRRVAGTPCGVFGQRLDETVAYEQKFGPH</b>			174	
NM_014882 : <b>ASWDQNRMGQDSYVLMASSQAEMEEWVKFLRRVAGTPCGVFGQRLDETVAYEQKFGPH</b>			167	
	* 180 *	200 *	220 *	
ANH0658 : <b>LVPILVEKCAEFILEHGRNEEGIFRLPGQDNLVKQLRDAFDAGERPSFDRDTDVHTVA</b>			232	
NM_014882 : <b>LVPILVEKCAEFILEHGRNEEGIFRLPGQDNLVKQLRDAFDAGERPSFDRDTDVHTVA</b>			225	
	* 240 *	260 *	280 *	
ANH0658 : <b>SLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRDNYSSL</b>			290	
NM_014882 : <b>SLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQQELMKQLSILPRDNYSSL</b>			283	
	* 300 *	320 *	340 *	
ANH0658 : <b>ICRFLHEIQLNCAVNKMSVDNLATIGVNLI</b>	<b>RSKVEDPAVIMRGTPQIQRVMTMMIRD</b>		348	
NM_014882 : <b>ICRFLHEIQLNCAVNKMSVDNLATIGVNLI</b>	<b>RSKVEDPAVIMRGTPQIQRVMTMMIRD</b>		341	
	* 360 *	380 *	400 *	
ANH0658 : <b>HEVLFPKSKDIPLSPPAQNDPKAPVARSSVGWDATEDL</b>	<b>RISRTDSFSSMTSDSDTT</b>		406	
NM_014882 : <b>HEVLFPKSKDIPLSPPAQNDPKAPVARSSVGWDATEDL</b>	<b>RISRTDSFSSMTSDSDTT</b>		399	
	* 420 *	440 *	460 *	
ANH0658 : <b>SPTGQQPSDAFPEDSSKVPREKPGDWKMQSRKRTQTL</b>	<b>PNRKCFLTSAFQGANSSKMEI</b>		464	
NM_014882 : <b>SPTGQQPSDAFPEDSSKVPREKPGDWKMQSRKRTQTL</b>	<b>PNRKCFLTSAFQGANSSKMEI</b>		457	
	* 480 *	500 *	520 *	
ANH0658 : <b>FKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDS</b>	<b>QRTSTYDNVPSLPGSPGEEASALSSQ</b>		522	
NM_014882 : <b>FKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDS</b>	<b>QRTSTYDNVPSLPGSPGEEASALSSQ</b>		515	
	* 540 *	560 *	580 *	
ANH0658 : <b>ACDSKGDTLASPNSETGPGKKNSGEEEIDS</b>	<b>LQRMVQELRKEIETOKOMYEEQIKNLEK</b>		580	
NM_014882 : <b>ACDSKGDTLASPNSETGPGKKNSGEEEIDS</b>	<b>LQRMVQELRKEIETOKOMYEEQIKNLEK</b>		573	
	* 600 *	620 *	6	
ANH0658 : <b>ENYDVWAKVVLNEELEKEKKSAALEISLRNMERS</b>	<b>REDVKEFVKSM</b>		638	
NM_014882 : <b>ENYDVWAKVVLNEELEKEKKSAALEISLRNMERS</b>	<b>REDVKEFVKSM</b>		631	
	40			
ANH0658 : <b>KEPKTEA---</b>			645	
NM_014882 : <b>KEPKTEA---</b>			638	

FIG. 13

* 20 *	40 *			
ANH0668 : <u>MHQTYSRHCRPEESTFSAAMTTMQGMEQAMPGAGPGVPOLGNMAVIHSHL</u>	: 50			
XM_015539 : <u>MHQTYSRHCRPEESTFSAAMTTMQGMEQAMPGAGPGVPOLGNMAVIHSHL</u>	: 50			
60 *	80 *	100 *		
ANH0668 : <u>WKGLQEKFALKGEPKVLGVVQILTALMSLSMGITMMCMASNTYGSNPISVY</u>	: 100			
XM_015539 : <u>WKGLQEKFALKGEPKVLGVVQILTALMSLSMGITMMCMASNTYGSNPISVY</u>	: 100			
* 120 *	140 *	* 160 *	180 *	* 200 *
ANH0668 : <u>IGYTIWGSVMFIISGSLSIAGIRTTKGL</u>	----- : 129			
XM_015539 : <u>IGYTIWGSVMFIISGSLSIAGIRTTKGL</u>	<u>VRGS</u> ----- : 150			
* 220 *				
ANH0668 : <u>SLSAFGCKVLCCTPGGVVILPSHSHMAETASPTPLNEV</u>	: 186			
XM_015539 : <u>SLSAFGCKVLCCTPGGVVILPSHSHMAETASPTPLNEV</u>	: 239			

FIG. 14

ANH0757	:	MPQPSVSGMDPPEGDAERSHTESEQTLMSIDILANSSDPDMYEDREMNYOONPRDNE	60
XM_087631	:	-----	-
* 20 * 40 * 60			
ANH0757	:	SIEEDGKDIEENHESSEEDWADNEGATEISNWECDWDTYCEDILKQDKTNSCDAWCHCEADWCH	120
XM_087631	:	-----	-
* 80 * 100 * 120			
ANH0757	:	EDDESSPQDPEEVSKCQPFIAQLENSEDSDSOSVSDSIAAPDSDPSVKONPFPSSPEPKKQASR	180
XM_087631	:	-----	-
* 140 * 160 * 180			
ANH0757	:	DAAPVQCSSKLIQAEVPIISDPCVOKASKEPSSKQEMVSNMYHNEKVNEKVECKDVAKKAKV	240
XM_087631	:	-----	-
* 200 * 220 * 240			
ANH0757	:	GENVOOSRPLTSOHTDAKENTCYCGAWAKRQEKKGMEPHQGHATPAPEKEIGEPEI	300
XM_087631	:	-----	-
* 260 * 280 * 300			
ANH0757	:	SPIIPQEGPGCSTIAAGESSCSISASTSVSDSSOKRACHANISLEYSDNEGEGOPTKOSPEEDED	360
XM_087631	:	-----	-
* 320 * 340 * 360			
ANH0757	:	FEDVVDDEDHDEGEKGSEHEIISNEEEEEEEDYEDDKDDDISDTIISERPGYENDSVEDIKEV	420
XM_087631	:	-----	-
* 380 * 400 * 420			
ANH0757	:	TSISSSRKRGKRRGWEASEOFRPSOERMLRPSEWRDTPSNMYQKNGLHHGKYAVKKS	480
XM_087631	:	-----MLRPSEWRDTPSNMYQKNGLHHGKYAVKKS	32
* 440 * 460 * 480			
ANH0757	:	RRTDVEDLTPNPKKLQIGNELRKLNVISDLTPVSELPLTARPRSRKEKN	540
XM_087631	:	-----RRTDVEDLTPNPKKLQIGNELRKLNVISDLTPVSELPLTARPRSRKEKN	91
* 500 * 520 * 540			
ANH0757	:	KKKAOYEANKVKEIUGTINREUNBLVNTSKOETVNRVONPRDERGPNMCGKGRHRIKDJ	600
XM_087631	:	-----	-
* 560 * 580 * 600			
ANH0757	:	EGERAVAGOISSEVNOVGEKTAEGNPTGCRVQGTSPESKV	639
XM_087631	:	-----	-
* 620 * 640 * 660			

FIG. 15

	* 20	* 40	* 60	
ANH0687A :	MSDTRRRVKVYTLNEDRQWDRGTGHVSSTYVEELKGMSLLVRAESDGSLLESKINPNT			: 60
ANH0687B :	MSDTRRRVKVYTLNEDRQWDRGTGHVSSTYVEELKGMSLLVRAESDGSLLESKINPNT			: 60
XM_048092 :	MSDTRRRVKVYTLNEDRQWDRGTGHVSSTYVEELKGMSLLVRAESDGSLLESKINPNT			: 60
	* 80	* 100	* 120	
ANH0687A :	AYQKQQDTLIVWSEAENYDLALSFOEKAGCDEIWEKICO-----			: 99
ANH0687B :	AYQKQQDTLIVWSEAENYDLALSFOEKAGCDEIWEKICOQGKDRPSVETQDLIDESEEE			: 120
XM_048092 :	AYQKQQDTLIVWSEAENYDLALSFOEKAGCDEIWEKICOQGKDRPSVETQDLIDESEEE			: 120
	* 140	* 160	* 180	
ANH0687A :	-----			: -
ANH0687B :	RFEEMPETSHIIDLPTGELINKLEELADIVTSVLISSPIPREKLALALENEYIKKLQLEFO			: 180
XM_048092 :	RFEEMPETSHIIDLPTGELINKLEELADIVTSVLISSPIPREKLALALENEYIKKLQLEFO			: 180
	* 200	* 220	* 240	
ANH0687A :	-----			: -
ANH0687B :	ACENLENTEGLHHLYEITIRGILEFLNKATLEEVIMFSDECIMDVVGCLFYDPALAOPKEHRE			: 240
XM_048092 :	ACENLENTEGLHHLYEITIRGILEFLNKATLEEVIMFSDECIMDVVGCLFYDPALAOPKEHRE			: 240
	* 260	* 280	* 300	
ANH0687A :	-----			: -
ANH0687B :	ELTKTAKAKEKEVIPITDSELROKTHOTYRVQYIQDILLPTPSVFEENFLSTLTSEFFENKV			: 300
XM_048092 :	ELTRTAKAKEKEVIPITDSEEROKTHOTYRVQYIQDILLPTPSVFEENFLSTLTSEFFENKV			: 300
	* 320	* 340	* 360	
ANH0687A :	-----EDEKFILSEVFAQLTDEATDDDKRRELNVFFKEFCAFSQTQLPQNDRAFFKTLA			: 152
ANH0687B :	EIVSMLQDEDEKFILSEVFAQLTDEATDDDKRRELNVFFKEFCAFSQTQLPQNDRAFFKTLA			: 360
XM_048092 :	EIVSMLQDEDEKFILSEVFAQLTDEATDDDKRRELNVFFKEFCAFSQTQLPQNDRAFFKTLA			: 360
	* 380	* 400	* 420	
ANH0687A :	KLGILPALEIVMGMDLQVRSAATDIFSYLVEFSPSMVREFVMQEAQQSDDDILLINVVI			: 212
ANH0687B :	KLGILPALEIVMGMDLQVRSAATDIFSYLVEFSPSMVREFVMQEAQQSDDDILLINVVI			: 420
XM_048092 :	KLGILPALEIVMGMDLQVRSAATDIFSYLVEFSPSMVREFVMQEAQQSDDDILLINVVI			: 420
	* 440	* 460	* 480	
ANH0687A :	EQMICDTPELGGAVQLMGLLRTLIDPENMLATTNKTEKSEFLNFFYNHCMHVLTAPLLT			: 272
ANH0687B :	EQMICDTPELGGAVQLMGLLRTLIDPENMLATTNKTEKSEFLNFFYNHCMHVLTAPLLT			: 480
XM_048092 :	EQMICDTPELGGAVQLMGLLRTLIDPENMLATTNKTEKSEFLNFFYNHCMHVLTAPLLT			: 480
	* 500	* 520	* 540	
ANH0687A :	NTSEDKCEKDFELKHYRYSWSEICTPSHSHSTPSSSISQDNIVGSNKNNTICPDNYQT			: 332
ANH0687B :	NTSEDKCEKDFELKHYRYSWSEICTPSHSHSTPSSSISQDNIVGSNKNNTICPDNYQT			: 508
XM_048092 :	NTSEDKCEKDFELKHYRYSWSEICTPSHSHSTPSSSISQDNIVGSNKNNTICPDNYQT			: 540

FIG. 16A

	* 560 *	* 580 *	* 600 *	
ANH0687A	AQLLALILELLTFCVEHHHTYHIKNYIMNKKDLLRRVLVLMNSKHTFLALCALRFMRRRIIGL			: 392
ANH0687B	AQLLALILELLTFCVEHHHTYHIKNYIMNKKDLLRRVLVLMNSKHTFLALCALRFMRRRIIGL			: 568
<u>XM_048092</u>	<b>AQLLALILELLTFCVEHHHTYHIKNYIMNKKDLLRRVLVLMNSKHTFLALCALRFMRRRIIGL</b>			: 600
	* 620 *	* 640 *	* 660 *	
ANH0687A	KDEFYNRYITKGNLFEPVINALLDNGTRYNLLNSAVIELFEFIRVEDIKSLTAHIVENFY			: 452
ANH0687B	KDEFYNRYITKGNLFEPVINALLDNGTRYNLLNSAVIELFEFIRVEDIKSLTAHIVENFY			: 628
<u>XM_048092</u>	<b>KDEFYNRYITKGNLFEPVINALLDNGTRYNLLNSAVIELFEFIRVEDIKSLTAHIVENFY</b>			: 660
	* 680 *	* 700 *	* 720 *	
ANH0687A	KALESIEYVQTFKGLKTYEQEKDRQNQKLNSVPSILRSNRFRDAKALEEDEEMWFNED			: 512
ANH0687B	KALESIEYVQTFKGLKTYEQEKDRQNQKLNSVPSILRSNRFRDAKALEEDEEMWFNED			: 688
<u>XM_048092</u>	<b>KALESIEYVQTFKGLKTYEQEKDRQNQKLNSVPSILRSNRFRDAKALEEDEEMWFNED</b>			: 720
	* 740 *	* 760 *	* 780 *	
ANH0687A	EEEEGKAVVAPVEKPKPDEDDFPDNYEKFMETKKAKESEDKENLPKRTSPGGFKFTFSHSA			: 572
ANH0687B	EEEEGKAVVAPVEKPKPDEDDFPDNYEKFMETKKAKESEDKENLPKRTSPGGFKFTFSHSA			: 748
<u>XM_048092</u>	<b>EEEEGKAVVAPVEKPKPDEDDFPDNYEKFMETKKAKESEDKENLPKRTSPGGFKFTFSHSA</b>			: 780
	* 800 *	* 820 *	* 840 *	
ANH0687A	SAANGTNSKSVVAQIPPATSGSSSKTTNLPTSVTATKGSIVGLVDYPDDEEEDEEEESS			: 632
ANH0687B	SAANGTNSKSVVAQIPPATSGSSSKTTNLPTSVTATKGSIVGLVDYPDDEEEDEEEESS			: 808
<u>XM_048092</u>	<b>SAANGTNSKSVVAQIPPATSGSSSKTTNLPTSVTATKGSIVGLVDYPDDEEEDEEEESS</b>			: 840
ANH0687A	PRKRPRRLGS	: 641		
ANH0687B	PRKRPRRLGS	: 817		
<u>XM_048092</u>	<b>PRKRPRRLGS</b>	: 849		

**FIG. 16B**

	* 20 *	40 *		
ANH0693 : <b>MOREEKOFESTDATELSOVAIDLKNISLGSEICKENEYGRITWPSVIDSEA</b>			: 50	
NM_052877 : <b>-----</b>			: -	
	60 *	80 *	100	
ANH0693 : <b>DEGSCQIAPHNKVEKHPKLPDEERNOVAVGPVESSPERDEDELMROTEGRVPVF</b>			: 100	
NM_052877 : <b>-----MSSEQTEGRVPVF</b>			: 13	
	120 *	140 *	* 200	
ANH0693 : <b>SHEVVPDHLRTKPDPEVEEQEKQLTTDAARIGADAAQKQIQSLNKMCSNL</b>			: 150	
NM_052877 : <b>SHEVVPDHLRTKPDPEVEEQEKQLTTDAARIGADAAQKQIQSLNKMCSNL</b>			: 63	
	160 *	180 *	* 220	
ANH0693 : <b>LEKISKEERESESGGLRPNKQTFNPTDTNALVAAVAFGKGLSNWRPSGSS</b>			: 200	
NM_052877 : <b>LEKISKEERESESGGLRPNKQTFNPTDTNALVAAVAFGKGLSNWRPSGSS</b>			: 113	
	* 240	* 260	* 280	* 300
ANH0693 : <b>GPGQAGQPGAGTILAGTSGLQQVQMAGAPSQQQPMLSGVQMAQAGQPGKM</b>				: 250
NM_052877 : <b>GPGQAGQPGAGTILAGTSGLQQVQMAGAPSQQQPMLSGVQMAQAGQPGKM</b>				: 163
ANH0693 : - : -				
NM_052877 : <b>W</b> : 214				

FIG. 17

	* 80	* 100	* 120	
ANH0122A :	VGKHLGARKDHGGLAKAKENDENCGPTTIVEVGMIKEASDMLIRPOLLAKGGLVLSWKRVQ			: 120
ANH0122B :	VGKHLGARKDHGGLAKAKENDENCGPTTIVEVGMIKEASDMLIRPOLLAKGGLVLSWKRVQ			: 120
AAF19255 :	VGKHLGARKDHGGLAKAKENDENCGPTTIVEVGMIKEASDMLIRPOLLAKGGLVLSWKRVQ			: 61
AAC97961 :	-----KCGGLVLSWKRVQ			: 120

*	140	*	160	*	180
ANH0122A :	GASGKLQAFGFCEYKEPESTLRALRLLHDLQIGEKLLVKVDAKTKAQLDEWKAKKKASN				: 180
ANH0122B :	GASGKLQAFGFCEYKEPESTLRALRLLHDLQIGEKLLVKVDAKTKAQLDEWKAKKKASN				: 180
AAF19255 :	GASGKLQAFGFCEYKEPESTLRALRLLHDLQIGEKLLVKVDAKTKAQLDEWKAKKKASN				: 121
AAC97961 :	GASGKLQAFGFCEYKEPESTLRALRLLHDLQIGEKLLVKVDAKTKAQLDEWKAKKKASN				: 72

	*	200	*	220	*	240
ANH0122A :	GNARPETVTNDDEEALDEETKRRDQMIKGAIEVLIREYSSELNAPSQESDSHPRKKKKEK	:	240			
ANH0122B :	GNARPETVTNDDEEALDEETKRRDQMIKGAIEVLIREYSSELNAPSQESDSHPRKKKKEK	:	240			
AAF19255 :	GNARPETVTNDDEEALDEETKRRDQMIKGAIEVLIREYSSELNAPSQESDSHPRKKKKEK	:	181			
AAC97961 :	GNARPETVTNDDEEALDEETKRRDQMIKGAIEVLIREYSSELNAPSQESDSHPRKKKKEK	:	132			

*	260	*	280	*	300
ANH0122A :	KEDIFRRFPVAPLIPYPLITKEDINAIEIMEEDKRDLSIREISKFRDTHKKLEEKGKKEK				: 300
ANH0122B :	KEDIFRRFPVAPLIPYPLITKEDINAIEIMEEDKRDLSIREISKFRDTHKKLEEKGKKEK				: 300
AAF19255 :	KEDIFRRFPVAPLIPYPLITKEDINAIEIMEEDKRDLSIREISKFRDTHKKLEEKGKKEK				: 241
ANP07961 :	KEDIFRRFPVAPLIPYPLITKEDINAIEIMEEDKRDLSIREISKFRDTHKKLEEKGKKEK				: 192

	*	440	*	460	*	480
ANH0122A	:	REREREKKRDRREEDEEDAYERRKLERKLREKEAAYQERLKWEIRERKKTREYEKEAE	:	480		
ANH0122B	:	REREREKKRDRREEDEEDAYERRKLERKLREKEAAYQERLKWEIRERKKTREYEKEAE	:	416		
AAFI9255	:	REREREKKRDRREEDEEDAYERRKLERKLREKEAAYQERLKWEIRERKKTREYEKEAE	:	421		
ANH0122C	:	REREREKKRDRREEDEEDAYERRKLERKLREKEAAYQERLKWEIRERKKTREYEKEAE	:	416		

FIG. 18A

	* 500 *	* 520 *	* 540 *	
ANH0122A :	REEERRREMAKEAKRLKEFLEDYDDDRDPKYYRGSGALQKRLRDREKEMEADERDRKREK			: 540
ANH0122B :	REEERRREMAKEAKRLKEFLEDYDDDRDPKYYRGSGALQKRLRDREKEMEADERDRKREK			: 476
AAF19255 :	REEERRREMAKEAKRLKEFLEDYDDDRDPKYYRGSGALQKRLRDREKEMEADERDRKREK			: 481
AAC97961 :	REEERRREMAKEAKRLKEFLEDYDDDRDPKYYRGSGALQKRLRDREKEMEADERDRKREK			: 432
	* 560 *	* 580 *	* 600 *	
ANH0122A :	EELEEEIRQRLAEGHPDPDAELQRMEQEAERRRQPQIKQEPESEEEEEEKQEKEEKREEP			: 600
ANH0122B :	EELEEEIRQRLAEGHPDPDAELQRMEQEAERRRQPQIKQEPESEEEEEEKQEKEEKREEP			: 536
AAF19255 :	EELEEEIRQRLAEGHPDPDAELQRMEQEAERRRQPQIKQEPESEEEEEEKQEKEEKREEP			: 541
AAC97961 :	EELEEEIRQRLAEGHPDPDAELQRMEQEAERRRQPQIKQEPESEEEEEEKQEKEEKREEP			: 492
	* 620 *	* 640 *	* 660 *	
ANH0122A :	MEEEEEEPEQKPCLKPTLPISSAPSVSASGNATPNTPGDESPCGIIPHENSPDQQQPE			: 660
ANH0122B :	MEEEEEEPEQKPCLKPTLPISSAPSVSASGNATPNTPGDESPCGIIPHENSPDQQQPE			: 596
AAF19255 :	MEEEEEEPEQKPCLKPTLPISSAPSVSASGNATPNTPGDESPCGIIPHENSPDQQQPE			: 601
AAC97961 :	MEEEEEEPEQKPCLKPTLPISSAPSVSASGNATPNTPGDESPCGIIPHENSPDQQQPE			: 552
	* 680 *	* 700 *	* 720 *	
ANH0122A :	EHRPKIGLSLKLGA NSPGQPN SVKRKKLPVDSVFNKFEDEDSDDV PRKRKL VPLDYGED			: 720
ANH0122B :	EHRPKIGLSLKLGA NSPGQPN SVKRKKLPVDSVFNKFEDEDSDDV PRKRKL VPLDYGED			: 656
AAF19255 :	EHRPKIGLSLKLGA NSPGQPN SVKRKKLPVDSVFNKFEDEDSDDV PRKRKL VPLDYGED			: 661
AAC97961 :	EHRPKIGLSLKLGA NSPGQPN SVKRKKLPVDSVFNKFEDEDSDDV PRKRKL VPLDYGED			: 612
	* 740 *	* 760 *	* 780 *	
ANH0122A :	DKNATKGTVNTEEKRKHISLIEKIPTAKPELFAYPLDWSIVDSILMERRIRPWINKKII			: 780
ANH0122B :	DKNATKGTVNTEEKRKHISLIEKIPTAKPELFAYPLDWSIVDSILMERRIRPWINKKII			: 716
AAF19255 :	DKNATKGTVNTEEKRKHISLIEKIPTAKPELFAYPLDWSIVDSILMERRIRPWINKKII			: 721
AAC97961 :	DKNATKGTVNTEEKRKHISLIEKIPTAKPELFAYPLDWSIVDSILMERRIRPWINKKII			: 672
	* 800 *	* 820 *	* 840 *	
ANH0122A :	EYIGEEEATLVDFVCSKVMAHSSPQSILDDVAMVLDEEAEVFIVKMWRLLIYETEAKKIG			: 840
ANH0122B :	EYIGEEEATLVDFVCSKVMAHSSPQSILDDVAMVLDEEAEVFIVKMWRLLIYETEAKKIG			: 776
AAF19255 :	EYIGEEEATLVDFVCSKVMAHSSPQSILDDVAMVLDEEAEVFIVKMWRLLIYETEAKKIG			: 781
AAC97961 :	EYIGEEEATLVDFVCSKVMAHSSPQSILDDVAMVLDEEAEVFIVKMWRLLIYETEAKKIG			: 732

ANH0122A :	LVK :	843
ANH0122B :	LVK :	779
AAF19255 :	LVK :	784
AAC97961 :	LVK :	735

FIG. 18B

ANH0316	MAWKTLPYLLLLLSVVFVIQQVSSQ	20	MAWKTLPYLLLLSVVFVIQQVSSQ	40	MAWKTLPYLLLLSVVFVIQQVSSQ	60
XM_001738	MAWKTLPYLLLLSVVFVIQQVSSQ		MAWKTLPYLLLLSVVFVIQQVSSQ		MAWKTLPYLLLLSVVFVIQQVSSQ	
ANH0316	-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP	80	-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP	100	-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP	120
XM_001738	-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP		-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP		-----ELSCKGRCFESFERGCRECDCDAQCKKYDKCCPDYESFCAEVHNPTSPSSKKAP	
ANH0316	PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE	140	PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE	160	PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE	180
XM_001738	PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE		PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE		PPSGASQTIKSTTKRSPKPPNKKKKVIESEEITE	
ANH0316	-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST	200	-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST	220	-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST	240
XM_001738	-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST		-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST		-----VKDNKKNRKPKPDKPPVDEAGSGLDNGDFKVTPDST	
ANH0316	TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG	260	TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG	280	TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG	300
XM_001738	TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG		TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG		TOHNKVSTSPKITTAKPINPRPSLPPNSDTSKETSLTVNKETTVETKETTTNKQTSTDG	
ANH0316	KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS	320	KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS	340	KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS	360
XM_001738	KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS		KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS		KEKTTSAKETQSIEKTSAKDLAPTSKVLAKPTPKAETTTKGPALTPKEPTPTTPKEPAS	
ANH0316	TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP	380	TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP	400	TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP	420
XM_001738	TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP		TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP		TPPKEPTPTTIKSAPTPKEPAPTTKSAPTPKEPAPTTKEPAPTPKEPAPTTKEP	
ANH0316	APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK	440	APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK	460	APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK	480
XM_001738	APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK		APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK		APTTTKSAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTPKEPAPTTKEPAPTPK	
ANH0316	EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP	500	EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP	520	EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP	540
XM_001738	EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP		EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP		EPAPTAKKPAPTPKEPAPTPKEPAPTTKEPSPPTTPKEPAPTTKSAPTTKEPAP	
ANH0316	TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP	560	TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP	580	TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP	600
XM_001738	TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP		TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP		TTKSAPTPKEPSPPTTKKEPAPTPKEPAPTPKKPAPTPKEPAPTTPKKEPAPTTKKP	
ANH0316	APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT	620	APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT	640	APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT	660
XM_001738	APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT		APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT		APTPPKKEPAPTPKETAPTPKKLPTTPEKLAPEKPAFTPEELAPTTPEEPTPTT	
ANH0316	PEEPAPTPKAAAPNTPKEPAPTPKEPAPTPKEPAPTTPKETAPTPKGTA	680	PEEPAPTPKAAAPNTPKEPAPTPKEPAPTPKEPAPTTPKETAPTPKGTA	700	PEEPAPTPKAAAPNTPKEPAPTPKEPAPTPKEPAPTTPKETAPTPKGTA	720
XM_001738	PEEPAPTPKAAAPNTPKEPAPTPKEPAPTPKEPAPTTPKETAPTPKGTA		PEEPAPTPKAAAPNTPKEPAPTPKEPAPTPKEPAPTTPKETAPTPKGTA		PEEPAPTPKAAAPNTPKEPAPTPKEPAPTTPKETAPTPKGTA	

FIG. 19A

	* 740 *	* 760 *	* 780 *
ANH0316 :	<b>APTPKKPAPKELAPTTKEPTSTTCDKAPTPKGATPTPKEPAPTPKEPAPTPKG</b>		: 696
XM_001738 :	<b>APTPKKPAPKELAPTTKEPTSTTCDKAPTPKGATPTPKEPAPTPKEPAPTPKG</b>		: 780
	* 800 *	* 820 *	* 840 *
ANH0316 :	<b>TAPTLKEPAPTPKKPAPKELAPTTKGPTSTSDKAPTPKETAPTPKEPAPTPK</b>		: 756
XM_001738 :	<b>TAPTLKEPAPTPKKPAPKELAPTTKGPTSTSDKAPTPKETAPTPKEPAPTPK</b>		: 840
	* 860 *	* 880 *	* 900 *
ANH0316 :	<b>KPAPTPETPPPTSEVSTPTTKEPTTIHKSPDESTPELSAEPPTKALENSPKEPGVPT</b>		: 816
XM_001738 :	<b>KPAPTPETPPPTSEVSTPTTKEPTTIHKSPDESTPELSAEPPTKALENSPKEPGVPT</b>		: 900
	* 920 *	* 940 *	* 960 *
ANH0316 :	<b>TKTPAATKPEMTTAKDKTERDLRTPETTTAAPKMTKETATTTEKTTEKITATTQV</b>		: 876
XM_001738 :	<b>TKTPAATKPEMTTAKDKTERDLRTPETTTAAPKMTKETATTTEKTTEKITATTQV</b>		: 960
	* 980 *	* 1000 *	* 1020 *
ANH0316 :	<b>TSTTTQDTPFKITTLKTTLAPKVTTKKTITTTEIMNKPEETAKPKDRATNSKATTPK</b>		: 936
XM_001738 :	<b>TSTTTQDTPFKITTLKTTLAPKVTTKKTITTTEIMNKPEETAKPKDRATNSKATTPK</b>		: 1020
	* 1040 *	* 1060 *	* 1080 *
ANH0316 :	<b>POKPTKAPKKPSTKKPKTMPrVRKPKTTPRKMSTMPPELNPTSRIAELQTTTRPN</b>		: 996
XM_001738 :	<b>POKPTKAPKKPSTKKPKTMPrVRKPKTTPRKMSTMPPELNPTSRIAELQTTTRPN</b>		: 1080
	* 1100 *	* 1120 *	* 1140 *
ANH0316 :	<b>QTPNSKLVEVNPKSEDAGGAEGETPHMLLRPHVFMPEVTPDMYLPRVPNQIIINPMLS</b>		: 1056
XM_001738 :	<b>QTPNSKLVEVNPKSEDAGGAEGETPHMLLRPHVFMPEVTPDMYLPRVPNQIIINPMLS</b>		: 1140
	* 1160 *	* 1180 *	* 1200 *
ANH0316 :	<b>DETNICNGKPVGTLTLRNGTLVAFRGHFWMLSPFSPPSPARRITEVWGIPLSPIDTVFT</b>		: 1116
XM_001738 :	<b>DETNICNGKPVGTLTLRNGTLVAFRGHFWMLSPFSPPSPARRITEVWGIPLSPIDTVFT</b>		: 1200
	* 1220 *	* 1240 *	* 1260 *
ANH0316 :	<b>RCNCEGKTFKFDSQYWRFTNDIKDAGYPKPIFKGFGGLTQIVAAALSTAKYKNWPESVY</b>		: 1176
XM_001738 :	<b>RCNCEGKTFKFDSQYWRFTNDIKDAGYPKPIFKGFGGLTQIVAAALSTAKYKNWPESVY</b>		: 1260
	* 1280 *	* 1300 *	* 1320 *
ANH0316 :	<b>FFKRGGSIQQYIYKQEPVQKCPGRRPALNPVYGETTQVRRRFERAIGPSQTHTIRIQY</b>		: 1236
XM_001738 :	<b>FFKRGGSIQQYIYKQEPVQKCPGRRPALNPVYGETTQVRRRFERAIGPSQTHTIRIQY</b>		: 1320
	* 1340 *	* 1360 *	* 1380 *
ANH0316 :	<b>SPARLAYQDKGVHLNEVKVSILWRGLPNVVTS AISLPNIRKPDGYDYYAFSKDQYYNIDV</b>		: 1296
XM_001738 :	<b>SPARLAYQDKGVHLNEVKVSILWRGLPNVVTS AISLPNIRKPDGYDYYAFSKDQYYNIDV</b>		: 1380
	* 1400 *		
ANH0316 :	<b>PSRTARAITTRSGQTLSKVWYNCP</b>	: 1320	
XM_001738 :	<b>PSRTARAITTRSGQTLSKVWYNCP</b>	: 1404	

FIG. 19B